

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO. <u>10/601,051</u>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		KEY1017USC1	To Be Assigned
(Use several sheets if necessary)		APPLICANT	
		Robert A. MacDonald	
		FILING DATE	GROUP
		Herewith <u>6/20/03</u>	3673

U.S. PATENT DOCUMENTS

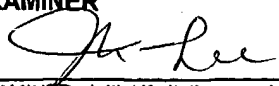
EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>m</i>	D	3	5	2	7	8	9		11/1994	Adam			
	R	E	3	4	3	1	4		07/20/93	Forsberg			
	2	9	5	7	2	7	8		10/1960	Woodworth			
	4	3	3	5	5	4	9		06/1982	Dean, Jr.			
	4	7	3	8	0	5	9		04/19/88	Dean, Jr.	52	596x	
	4	9	1	4	8	7	6		04/10/90	Forsberg			
	4	9	2	0	7	1	2		05/01/90	Dean, Jr.	405	286x	
	5	0	7	8	9	4	0		01/07/92	Sayles			
	5	1	6	1	9	1	8		11/10/92	Hodel	405	286	
	5	2	1	7	6	3	0		06/08/93	Sayles			
	5	2	9	4	2	1	6		03/15/94	Sievert			
	5	5	1	1	9	0	2		04/30/96	Center	405	286x	
	5	5	3	5	5	6	8		07/16/96	Quinn	52	608	
	5	5	9	8	6	7	9		02/04/97	Orton et al.			
	5	6	0	1	3	8	4		11/02/97	Dawson			
	5	6	2	2	4	5	6		4/1997	Risi et al.			
	5	6	4	4	8	9	1		07/08/97	Kafarowski	52	747.12x	
	5	7	1	1	1	3	0		01/27/98	Shatley			
	5	7	3	5	6	4	3		04/07/98	Castonguay et al.			
	5	8	4	8	5	1	1		12/15/98	Scales	405	286x	
	6	0	2	4	5	1	7		02/15/00	Castonguay et al.	405	286	
	6	1	4	9	3	5	2		11/2000	MacDonald			
<i>m</i>	6	4	4	7	2	1	3		09/2002	MacDonald			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>m</i>	EP 157188	10/1985	EPO				
<i>f</i>	FR 2 627 525A	25/06/89	France				
<i>u</i>	WO 96/26325A	29/06/96	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>u</i>		Co-pending, commonly assigned U.S.S.N. 09/904,038, filed July 12, 2001.
<i>f</i>		Co-pending, commonly assigned U.S.S.N. 10/194,433, filed July 11, 2002.
<i>u</i>		English language abstract for FR 2 627 525A.

~		European Search Report for counterpart EPO Application No. 00908510.1
~		Patent Abstracts of Japan, Patent No. 04189921A (Kamihide Matsubayashi), 8 July 1992.
EXAMINER 		DATE CONSIDERED 7/15/04
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>m</i>	JP 1-143819	10/03/89					
<i>l</i>	JP 3-67170	10/22/91					
<i>m</i>	JP 58-28032	06/18/83					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

in		✓	Partial English language translation of Japanese Utility Model Public Disclosure No. HEI 1-143819 (1 page).
		✓	Partial English language translation of Japanese Examined Public Disclosure No. HEI 3-67170 (1 page).
u		✓	Search Report for Counterpart Japanese Application No. 2000-598715 which corresponds to PCT/US00/03114 (1 page).

EXAMINER

DATE CONSIDERED

7/15/04

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EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>m</i>	6	1	1	5	9	8	3	09/12/00	Poignard			
	6	1	7	8	7	1	5	01/30/01	Pacitto et al.			
<i>m</i>	6	3	9	8	4	5	8	06/04/02	Pacitto et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>m</i>	CA 2,193,942	06/24/98	Canada				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>m</i>			Copy of Creta Product Brochure (5 pages) (April 15, 1996).

EXAMINER

J. Lee

DATE CONSIDERED

7/15/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.